**LAWRENCE and CO., 55, Par**liament-street, Westminster, and 10, York-place, Lam[illegible] Manufacturers and Dealers in Zinc, &c.—Pumps, 12s.; Ch[illegible] Shafts, 14 per foot; various sorts of chimney-cowls and tops, [illegible] perforated zinc in sheets, 10d. per foot; rain pipe, 2 in., 4d. per [illegible]; bell traps, 2d. per lb. Baths, windows, skylights, drawer [illegible] &c. Zinc or brass pieces supplied or engraved in [illegible] together and sheet zinc and nails at lowest market prices.

**LIGHT and AIR for the MILL[illegible]**—WALKER'S NEW VENTILATORS, for [illegible] light and air. They are cheap, quickfixed, and can be had [illegible] from 12s. upwards. Lowest price 1s. 6d. To be had [illegible] all Ironmongers; and of the inventor, 12, City-road. A large [illegible] on hand, and sliding sashes, to be sold cheap.

**VENTILATION—PURE A[illegible]**

Shuttleworth's Ventilator, Scythe

EXTERNAL WALL.

With single pulley, from 4s. each; with leading pulley [illegible] 6d. These Ventilators are so arranged that the requisite [illegible] of air may be admitted for the due ventilation of [illegible] without the slight cause of draught being felt by the occupants, [illegible] they are placed in the external wall, their action is [illegible] when the house is closed for the evening, at which time [illegible] constant supply of fresh air is most required.—HAYWARD [illegible] THERS, sole Manufacturers, 198, Blackfriars-road, and 117, [illegible]-street, Borough; and of all respectable Ironmongers, Builders [illegible]

**DR. ARNOTT'S VENTIL[illegible]TING**
CHIMNEY VALVE.

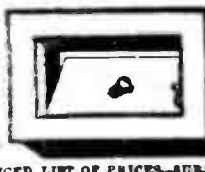
[illegible] made on the true principles, and under the [illegible] direction of Dr. Arnott. All architects and builders are [illegible] Arnott's formed, that to secure ventilation really constructed on [illegible] principle, they must be procured fr om the original [illegible] Great abuse has arisen, and repeated failures have [illegible] through the use of valves purporting to be Dr. Arnott's [illegible] are, in fact, altogether different in construction, and [illegible] have been disclaimed by the Doctor as not being by any means [illegible] calculated to carry out his intentions; for, in their practical [illegible] they are continually found to be an abundant means of filling the room with smoke, instead of being useful as a means of ventilation. The fault is so strong, that many architects, in their specifications have found it necessary to direct that DR. ARNOTT'S VENTILATORS shall be of EDWARDS'S MANUFACTURE.

The Valve, made in a variety of patterns and sizes, at prices from 6s. to 30s. Terms to the trade as heretofore. Prospectuses, with prices and sizes, to be had (post free) on application.

F. EDWARDS, 48, Poland-street, Oxford-street.

**DR. ARNOTT'S VENTIL[illegible]TING**
CHIMNEY VALVE.

With internal action, and all the latest improvements.



[illegible]onstructed for the [illegible]entilation of [illegible]artments [illegible]generally.

REDUCED LIST OF PRICES—SUBJECT TO THE TRADE DISCOUNT.

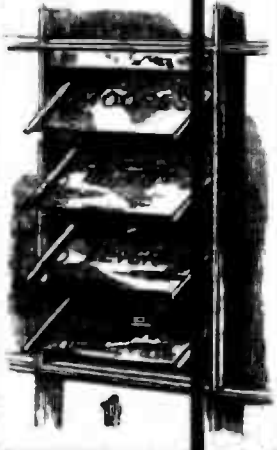
| | First size, 11 by 8. | Second size, 16 by 9 |
|---|---|---|
| Plain Iron Valve | 6 0 | 9 6 |
| Bronzed and Lacquered | 7 0 | 10 6 |
| Japanned, white with Gold lines | 11 6 | 16 6 |
| Ditto with Trellis-work | 17 0 | 25 0 |
| Bass Frosst, inscrd. or bronzed | 13 6 | 19 6 |
| Ditto with Trellis work | 19 0 | 27 0 |

Ventilators of any description made to order.

Manufactured by HART and SONS, 82, 84, 86, [illegible]rch-street, Bloomsbury, London.—Post-office orders payable at 292, [illegible]

**MOORE'S PATENT L[illegible]VER**
VENTILATOR.

The principle of the LEVER VENTILATOR is simple and most effective, which will be seen by the accompanying Drawing, and its action is so arranged that no accident can occur to the Glass Louvres, nor is it in any way likely to get out of order. The whole of the frame, levers, and screws, are made of brass, thereby avoiding rust. It is suited to most forms of sashes, and is opened and closed with great facility, and can be regulated to any quantity of ventilation. Its action is produced by a line, which pulled, opens the Louvres, and, when loose, closes air-tight. It takes less space than any other Ventilator, and does not interfere with the appearance of the window. Much greater ventilation is obtained by the Louvres throwing outward, by which the air passes upwards, and is equally distributed over the whole of the apartment. Orders for Venti[illegible] should give the right measure of the sash for which they are intended. A cheaper description of this ventilator made for chu[illegible], chapels, bed-rooms, workshops, &c.



JOHN MOORE and SONS, Church, Turret, and [illegible] Clock Manufacturers, 21 & 23, Clerkenwell-close, London [illegible] Clock Makers to the Honourable Board of Ordnance, the Russian Government, and the Emperor of China. N.B.—A List of the [illegible] made at the above Manufactory can be had either by post or [illegible]

**NOIRSAIN'S VENTILATING [illegible]RATES** and STOVES.—A long sought for desi[illegible] at last obtained. Great Economy in Fuel. [illegible] Prevention of Smoking in Chimneys and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

E. NOIRSAIN solicits the attention of the public and scientific men to his patent apparatus,—the utility and superior advantages of which will be satisfactorily demonstrated at [illegible] Depôt, 132, BRONT-STREET, St. Pancras, by visiting the [illegible] Prices, from Two Guineas upwards.

TO ARCHITECTS AND BUILDERS.

**DRAWING ROOM STOVES** from original designs, with [illegible] PATENT REFLECTING GRATES for DRAWING ROOMS, a certain cure for smoky chimneys. [illegible] REGISTER STOVES, for small houses and very bedroom [illegible] Rooms fitted up in stone, marble, [illegible] or enamelled slate, and supplied with hot water from these stoves, or from separate [illegible] of an improved construction.—Plans and estimates furnished in town or country.—BENJAMIN [illegible] SONS, Manufactory and Show-rooms, 19, [illegible]-STREET, Commercial-square, London.

**COOKING RANGES.—NICHOLSON'S** PRIZE COTTAGE COOKING, and other GRATES, which obtained the premiums offered by the Royal Agricultural Society at the York and Exeter meetings, may be seen in Prince Albert's Model Houses in Hyde-park, in the Model Structures of the Society for Improving the Condition of the Labouring Classes in the Great Exhibition Building, and at his establishment there (No. 67, Class 23), where also are exhibited his recent improvements in large Cooking Grates, including the newly-invented Cosmopolitan Cooking Stove, an complete unit of Kitchen Apparatus in one piece, and his Kitchen-Gleaman Cooking Stove for Cottagers, Emigrants, &c., to which a silver medal was awarded at the Exhibition. They may be procured at PIKE'S, 88, Jermyn-street, London, and through respectable Country Ironmongers. Price lists and full particulars will be sent on application to the Manufacturer (including four postage stamps), Newark-on-Trent. N.B. Intending purchasers of kitchen grates are earnestly requested to debate of receiving satisfactory information, to apply to the manufacturer direct.

**STOVES, RANGES, GAS FITTINGS,** &c.

BENETFINK and COMPANY defy competition in the above articles, of durability, combined with elegance of design, to Council as the best of cheapness.

B. and Co. respectfully call the attention of Architects and Builders to their house, as they are admitted to have the largest and best selected stock of STOVES, RANGES, and GAS FITTINGS in the kingdom. Their stock contains Stephenson's Patent Register Stoves, patent hemispherical ditto, patent solar ditto, and patent gyronic ditto; the unrivalled Derby Kitchen Range, and every description of cooking apparatus. As a proof of their ability to furnish the mansion or the cottage they submit the following scale of prices:—

Fine cast black Register Stoves, 2 feet wide, from 14s. to 18s.
Highly finished Drawing-room Stoves, from 6ls. to 20 guineas.
Cottage Ranges, with boiler and self-acting oven, from 3ls.
Improved Kitchen Ranges, with boiler, self-acting oven, and bright fittings, from 18s.
Very strong Kitchen Ranges, with self-acting oven, best wrought iron steam boiler, bright fittings, and bright spit racks, from 10 to 18 guineas.
3 light, water slide, gas Chandeliers, from 30s.
3 light ditto ditto, from 2 to 12 guineas.

NOTE THE ADDRESS.—BENETFINK and COMPANY, 60 and 62, CHEAPSIDE, LONDON.
Wholesale entrances, 1, IRONMONGER-LANE.

**CLARK and HUNT'S IRONMONGERY,**
STOVE and METAL WAREHOUSE, 189, Shoreditch.

| | | | | |
|---|---|---|---|---|
| Improved Cottage Ranges, with Large Oven and Boiler | 20 | 22 | 24 | 26 inch. |
| | 20s. | 22s. | 24s. | 26s. |
| Best Self-acting Ranges, with Oven and Back Boiler, Bright Wrought Bars | 34 | 36 | 38 | 42 inch. |
| | 34s. | 36s. | 38s. | 42s. |

Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 3d.
Register Stoves, with Solid Bars, per inch, 3d. Best Solar, with Fire Brick Back, per inch, 1d.
Bright Stoves, with Two Fires, 20s. to 100s. each.

| | | |
|---|---|---|
| Cast Rain-water Pipe | 2 inch. | 3 inch. |
| | 8d. | 10d. | 1s. per yard. |
| Cast Gutters—4 inch, 8d. per yard. | | |
| O. G. Gutters | 4 inch. | 4½ inch. |
| | 11d. | 1s. per yard. |

| | | | | |
|---|---|---|---|---|
| Best Cut Clasp and Rose | 1½ | 1¾ | 2 | 2½ inch. |
| | 1s. 6d. | 1s. | 12s. 6d. | 12s. | 12s. per cwt. |

Sheet Flooring Brads, 11s. 6d. per cwt.
1-inch Cut Lath, 1s. Cast Lath, 2s. 6d.
6-inch 3-Bolt Rd. Ward Mortice, with best Furniture and Patent Spindles, 2s. 6d. Light Elliptic and Register Metal, 12s. per cwt.
Hot Water Pipes, 2s. 6d. per cwt.
Dr. Arnott's Ventilators, 2s. each.
An extensive stock of bar, rod, hoop, and sheet iron.
Clark and Hunt's Improved Glass Paper.

TO BUILDERS AND CARPENTERS, &c.

**J. H. BOOBBYER and CO., late Sturch** and Boobbyer, Ironmongery, Brass Foundry, Nail, and Tool Warehouse, No. 14, Stanhope-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholsters, &c., at wholesale prices.

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.

| | | | | |
|---|---|---|---|---|
| Fine Cut Clasp and Rose | 1½ | 1¾ | 2 | 2½ inch. |
| | 14s. 6d. | 14s. 6d. | 12s. 6d. | 12s. 6d. per cwt. |

| | | | | |
|---|---|---|---|---|
| Best Bright Tower Bolts | 10 in. | 12 in. | 7d. | 8d. 9d. per dozen. |
| | 3 | 4 | 5 | 6 inch. |

| | | | | | |
|---|---|---|---|---|---|
| Best Patent Sash Line | 4s. | 4s. 6d. | 5s. 6d. | 7s. | 9s. | 10s. 6d. per gross. |
| No. 1 | 2 | 3 | 4 | 5 | 6 | |

Cast Lath Nails, 10s. per cwt. Air Bricks, 2s. 6d. per dozen.
DR. ARNOTT'S VENTILATORS.
10 by 8 inches ..... 2s. each.
16 by 9 " ..... 2s. "
An assortment in Brass, Bronze, Gilt, &c.

An extensive stock of Mortise Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices. Also Door Furniture, in china, amber, crystal, ivory, ebony, buffalo horn, brass, &c., with Finger-plates, Bell-pulls, and Levers on rosettes.

B. and Co. are the inventors of SMITTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 80 years, for the supply of goods from the best manufactories at the lowest prices.

TO BUILDERS, CARPENTERS, AND OTHERS.

**BENJAMIN WALMSLEY, IRON-**MONGER, BRASSFOUNDER, STOVE and RANGE MANUFACTURER, 188 and 187, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholsters, blind-makers, smiths, wheelwrights, &c., at wholesale prices:—

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.

| | | | | | |
|---|---|---|---|---|---|
| Best Cut Clasp and Rose | 1½ | 1¾ | 2 | 2½ in. | |
| | 12s. 6d. | 14s. | 12s. | 12s. | 12s. 6d. per cwt. |

Cast Lath, 2s. 6d. per cwt.; Sash Weights, 6s. per cwt.
Sash Pullies, 6s. per gross.
Cast Butts, per dozen pair:—3-in., 10d.; 3½-in., 1s. 3d.; 4-in., 1s. 6d.

| | | | |
|---|---|---|---|
| Iron Rain-water pipe | 2 in. | 2½ | 3 in. |
| | 6d. | 10d. | 1s. 1d. per yard. |
| Half Round Gutter | 2 | 2½ | 4 in. |
| | 7d. | 7½d. | 8½d. " |
| O G Gutter | 4 | 4½ | 5 in. |
| | 11d. | 1s. | 1s. 4d. " |

Air Bricks, 2s. 6d. per dozen. Hooping for Bond, 2s. 6d. per cwt.
Dr. Arnott's Ventilators, 2s. 6d. each.
3-ft. Self-Acting Cottage Ranges, with Oven and Boiler, 20s. each.
3-ft. ditto, with Wrought Bars and Bright Fittings, 30s. each.
Register Stoves, with Double Backs, 5d. per inch.
Elliptic Stoves, with Double Backs, 3½d. per inch.
Bright Register Stoves, with Two Sets of Bars, from 2l. each.

An excellent variety of Black and Bright Register Stoves kept ready for use at all prices, to which the attention of architects and builders is respectfully invited.

A large assortment of Rim, Mortice, Drawback, Iron Gate, and other Kinds of Locks and Latches. An extensive Stock of neat and elegant Door Furniture, in Brass, Porcelain, Glass, and Fancy Woods.

Finger Plates, Levers, and Bell-pulls on rosettes.
Bar, Hoop, Sheet and Rod Iron, and Spring Steel.

The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade must find ironmongery and brass-work of whatever that may be at wholesale prices.

WALMSLEY'S, 188 and 187, LONDON-ROAD, SOUTHWARK, six doors from the Obelisk.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.

**JOHN DALE, 18 and 19, Chiswell-street,** Finsbury-square, begs to inform the above Trades, that he has now added the business of the late Mr. WILLIAMSON to his own old established concern, and respectfully invites an inspection of his immense stock of Ironmongery, which cannot be surpassed in London, every article being of the best quality and lowest possible prices:—

Elliptic Stoves, double backs, 3½d. per inch.
Register Stoves, 2d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—
3 ft., 2l. 10s.; 3 ft. 6 in., 2l. 4s.; 4 ft., 2l. 12s.
3-feet Cottage Ranges, with ovens and back boilers, 30s. each.
3-feet self-acting ditto, ditto, 35s. each.
Air Bricks, 2s. 6d. per dozen. 1-inch Cut Lath Nails, 10s. 6d. per cwt.
Best Patent Cut Clasp.

| | | | | |
|---|---|---|---|---|
| 2½ | 2¾ | 3 | 3 inch and larger. |
| 14s. 6d. | 14s. | 20s. | 22s. 6d. per cwt. |

Best Sheet Floor Brads, 11s. 6d. per cwt.
Best Town Glass, 8½. Ditto, Scotch, 5½. per cwt.
Best Patent Sash Line.

| | | | | | |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 4s. | 4s. 6d. | 5s. 6d. | 7s. | 8s. | 10s. 6d. per gross. |

List of Prices had on application at the Warehouse, or by letter prepaid.

**WARMING BY HOT WATER.—**J. WEEKES and CO.'S HOT WATER APPARATUS may be seen in extensive operation on their premises, King's-road, Chelsea. They have also erected their apparatus for various purposes throughout the kingdom; reference can be given in almost every district. They beg particularly to refer to their own establishment, and also to that of Mr. Scrubbs's extensive carriage repository, Halkin-street, Hyde-park-corner, where the apparatus may be seen in operation. Ornamental Pedestals and Stacks of Pipes in great variety, applicable for warming churches, mansions, entrance halls, offices, conservatories, &c.—TUBULAR BOILERS of all sizes, warranted to be the most efficient and economical of any now introduced. J. WEEKES and CO., Hot Water Apparatus Manufacturers, King's-road, Chelsea.

WARMING AND VENTILATION.

**D. and E. BAILEY, 272, Holborn,** having had many years' experience in Warming Buildings by Hot Water, continue to erect HOT-WATER APPARATUS on the most improved principles for Mansions, Conservatories and other Horticultural Buildings; and they also erect Conservatories, Hothouses, &c., in wood or metal. D. and E. BAILEY invite the public to an inspection of their stock of Stoves, Fenders, Fire irons, &c., as well as a most complete and economical Portable Cooking Apparatus, or "Cottager's Stove," equally suitable for Cottages, Shooting-boxes, Yachts, or for persons emigrating.

TO FLORISTS AND OTHERS.

**J. JONES, Iron Merchant, has always** a great variety of CONICAL and SADDLE BOILERS in STOCK: also fire and furnace bars, ornamental and plain cast columns, double doors and frames, furnace grates, and doors for the same, hot water pipes, elbows, tees, syphons, throttle valves and cocks, flange and socket elbows, &c.; also trough pipes. Drawings and prices of the above, on application to J. JONES, Iron-bridge wharf, No. 6, Bankside, London, near the Southwark iron bridge.

**IRON FOUNDRY, 80, Goswell-street (late** of Brick-lane, St. Luke's).—J. J. JONES, having made great additions to his STOCK of PATTERNS, begs to inform the Trade, that he can now supply them with Plain and Ornamental Iron Columns, Girders, Railings, Gates, Iron Coping, Balconies, Window Guards, Verandahs, Ornamental Staircase Panels, Iron Staircases, Tank Enclosures, Trellis Panelling, Lamp and other Brackets, Door levers, Newel Bars, Water Closet Work, Area Gratings, Fly and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Iron Water Pipes and Gutters, Sash Weights, Furnace Bars, Stove Ranges, &c., always in stock.

**FOUNDRY AND IRON WORKS,**
168, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.
**GLOVER, BROS.,**

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION either structural or ornamental.

Patterns of Girders, Columns, Balconies, Railing, Ornamental Gratings and Park Gates, Lamp and Street Posts, Tanks, Pulley Wheels, Pinions, Leathers, and Steam-engines; Range and Hot pipes, Metal. An improved Boot Dove adapted for internal work.

A large stock of Rain-water Pipes, Plain and O G Gutters, Air bricks, Sash Weights, Air-tight Sewer Grates, Stable Fittings, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra cotta.

Estimates given for Iron Buildings, Wrought-iron Roofs, Greenhouses, Staircases, Wrought-iron Girders, Fireproof floors, Book-cases and Strong Rooms, Tanks and Boilers, and every description of ironwork to specification, and the work executed with great attention to quality and despatch.

GLOVERS' IRONWORKS,
168, DRURY-LANE, and CHARLES-STREET.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

**PUMPS of Superior CONSTRUCTION** bored perfectly true by improved machinery, in cases plain and ornamental patterns for Country-houses, Squares, Mews, Pleasure Grounds, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, in Wrought and Cast Iron, HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore, for Hire.

BENJ. FOWLER (late of 63, Dorset-street), removed to the new Factory, Whitefriars-street, Fleet-street.

FARM AND COTTAGE PUMPS.

**PATENT CAST-IRON** PUMPS, for the use of Farmers, Cottagers, Manure Tanks, and Shallow Wells.

Patent Pump ..... £1 [illegible]
Patent Pump, with 15 feet of lead pipe attached, and bolts and nuts ready for fixing ..... 2 [illegible]

Larger sizes if required.

May be obtained of any Ironmonger or Plumber in Town or Country, or of the Patentees and Manufacturers.

JOHN WARNER and SONS, Crescent, Jewin-street, London.

Every description of Machinery for Raising Water, Fire, Engines, &c.

The usual allowance to the Trade.

**IRON HURDLES.—Great Reduction.—**

| | | |
|---|---|---|
| For Sheep, 6 ft. long, 2 ft. above ground, five bars | 2s. 6d. each. |
| For Cattle ditto 3 ft. 3 in. ditto | 2s. 9d. each. |

Strained Wire Fence, 3 ft. 6 in. ditto, six wires, standards, 9 ft. apart ..... 1s. 1d. per yard.
Ditto with Extra Strong Standards ..... 1s. 3d. per yard.

Wove wire netting for excluding hares, rabbits, poultry, &c., of various widths, 1d. per square foot and upwards; wrought and cast-iron palisading, gates, and ornamental garden fences, of every variety. Oat and bean bruisers, with iron frame and bronze bruise bearings, and regulating screw, 4l. 4s. each. Chaff cutters of best construction, metallic framing, and fly-wheel, with two knives, to cut sixteen bushels per hour, 4l. 4s. each. Cast-iron stable pumps, 40s. Wrought-iron wheelbarrows, 20s.

STEPHENSON and PHILLS, 61, Gracechurch-street, City; and at the Manchester, 17, New Park-street, South-park.

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